

# City of Sammamish Zackuse Basin Plan Public Meeting #1

*Sammamish City Hall  
January 24, 2018*



Project Manager: Danika Globokar,  
DGlobokar@Sammamish.us

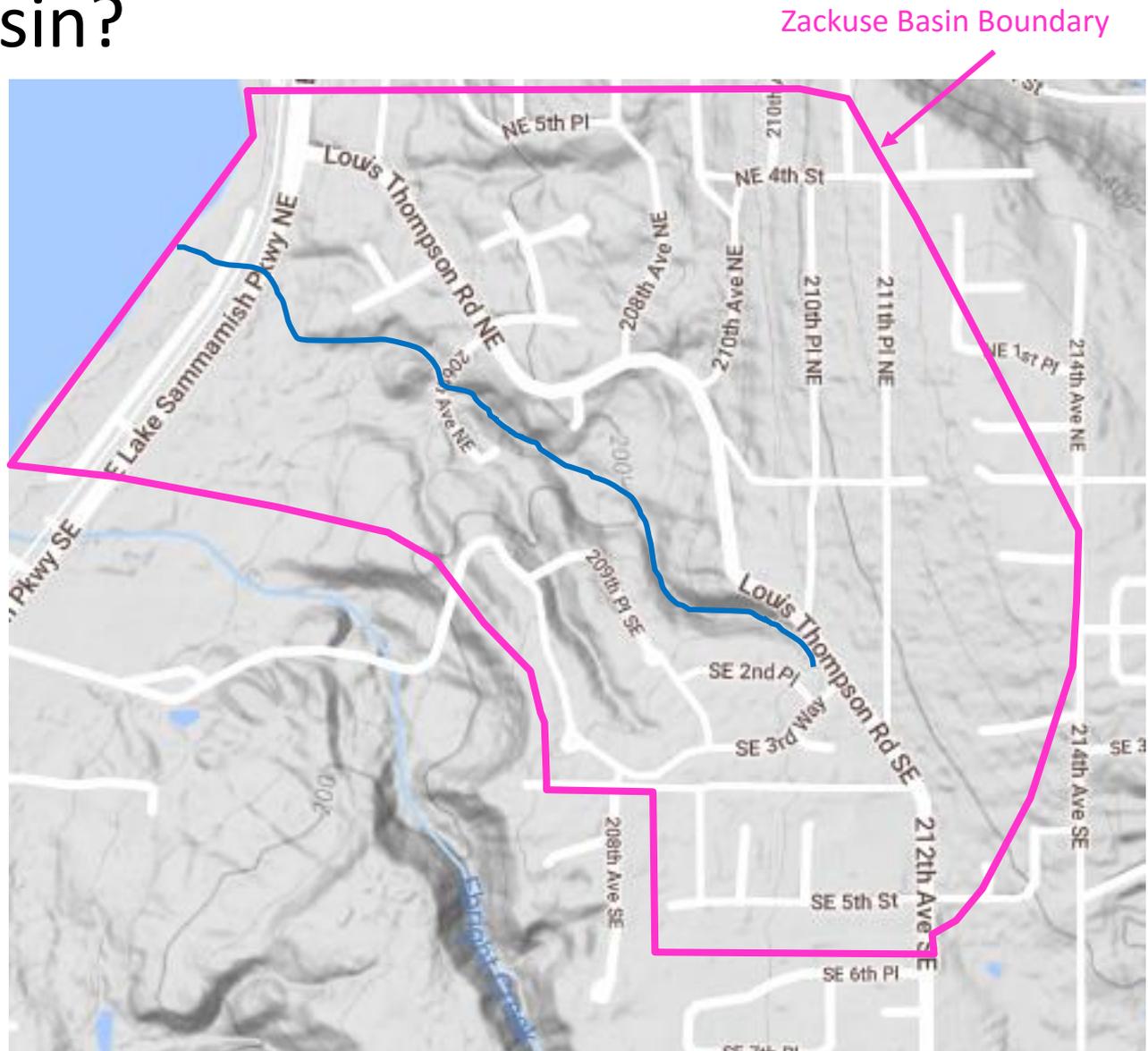
---

# Agenda

1. Background to Basin Planning
2. Zackuse Basin Plan
3. Field Investigation
4. Solicit Input
  - a) Drainage/erosion/water quality issues
  - b) Priorities for surface water management
5. Answer questions

# What is a Basin?

- Also known as a watershed.
- An area of land where water collects and drains off into a *common outlet*, such as into a river or lake.
- Multiple basins in Sammamish



---

# Basin Planning Goals

- Characterize basin conditions
  - Existing and future
- Identify problems and develop conceptual solutions for:
  - Flooding
  - Erosion
  - Groundwater seepage
  - Water quality
  - Degraded habitat
- Prioritize Projects – develop priority criteria

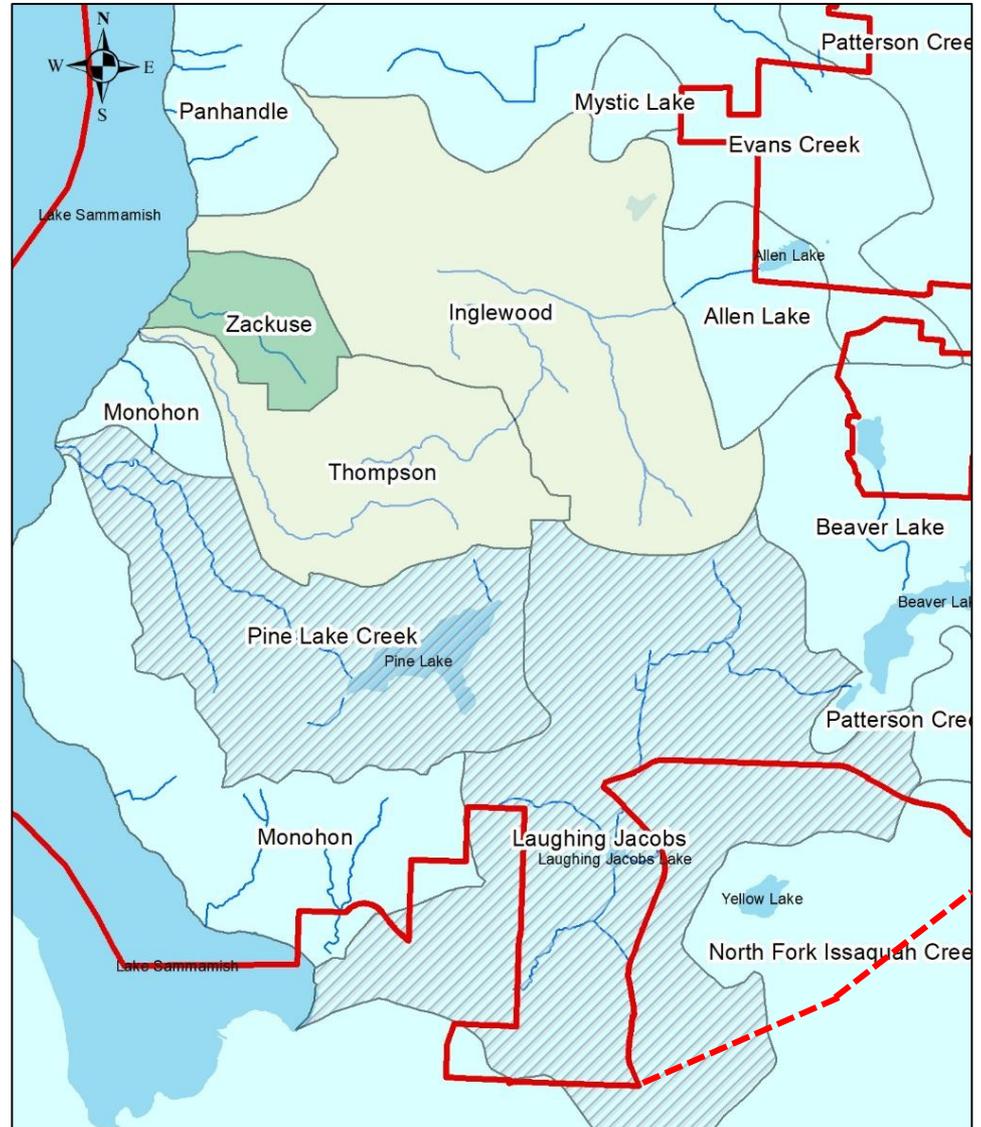
# Example types of projects

Issue/Opportunity	Capital Improvement Projects		Planning Projects	Operations Projects
	Capital 	Education 	Policies, Studies, and Coordination 	Maintenance 
Habitat or natural area improvements	Heron Creek Culvert Crossing at Springdale Court NW	N/A	N/A	N/A
	N/A	Develop Invasive Vegetation Management Strategy for Aquatic Areas	N/A	N/A

# Sammamish Basin Planning

## *Past*

- East Lake Sammamish Basin and Non-Point Action Plan (1994<sup>1</sup>)
- Inglewood Basin Plan (2004, 2011<sup>2</sup>)
- Thompson Basin Plan (2011)



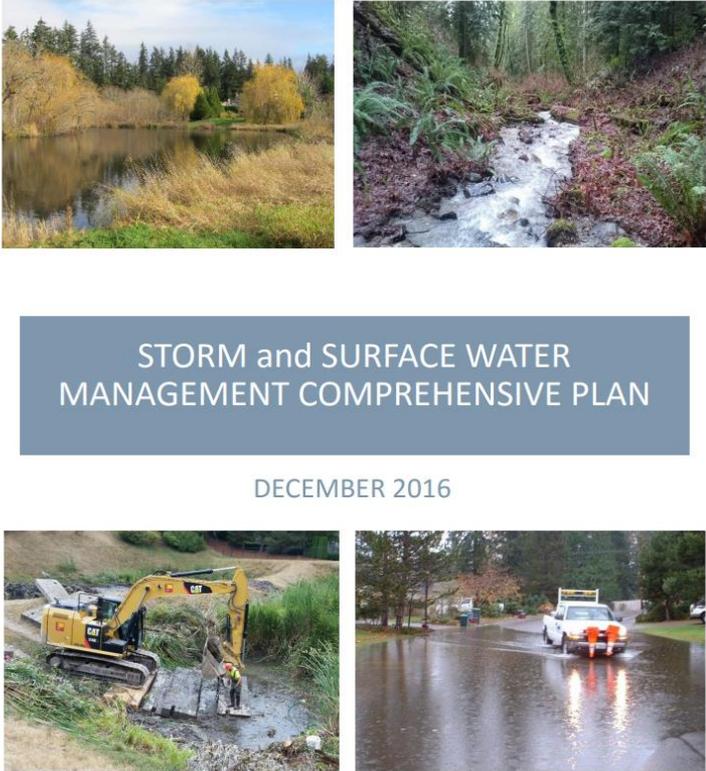
<sup>1</sup> Conducted by King County prior to City Incorporation

<sup>2</sup> Updated in 2011 to include Town Center

# Sammamish Basin Planning

## *Re-Initiated*

- 2016 – City adopted a new Storm and Surface Water Management Comprehensive Plan
  - ID'ed basin planning as a priority action item
- Start with Zackuse
  - Template for future basins
  - Establish project priorities
  - Prioritize City resources



STORM and SURFACE WATER  
MANAGEMENT COMPREHENSIVE PLAN

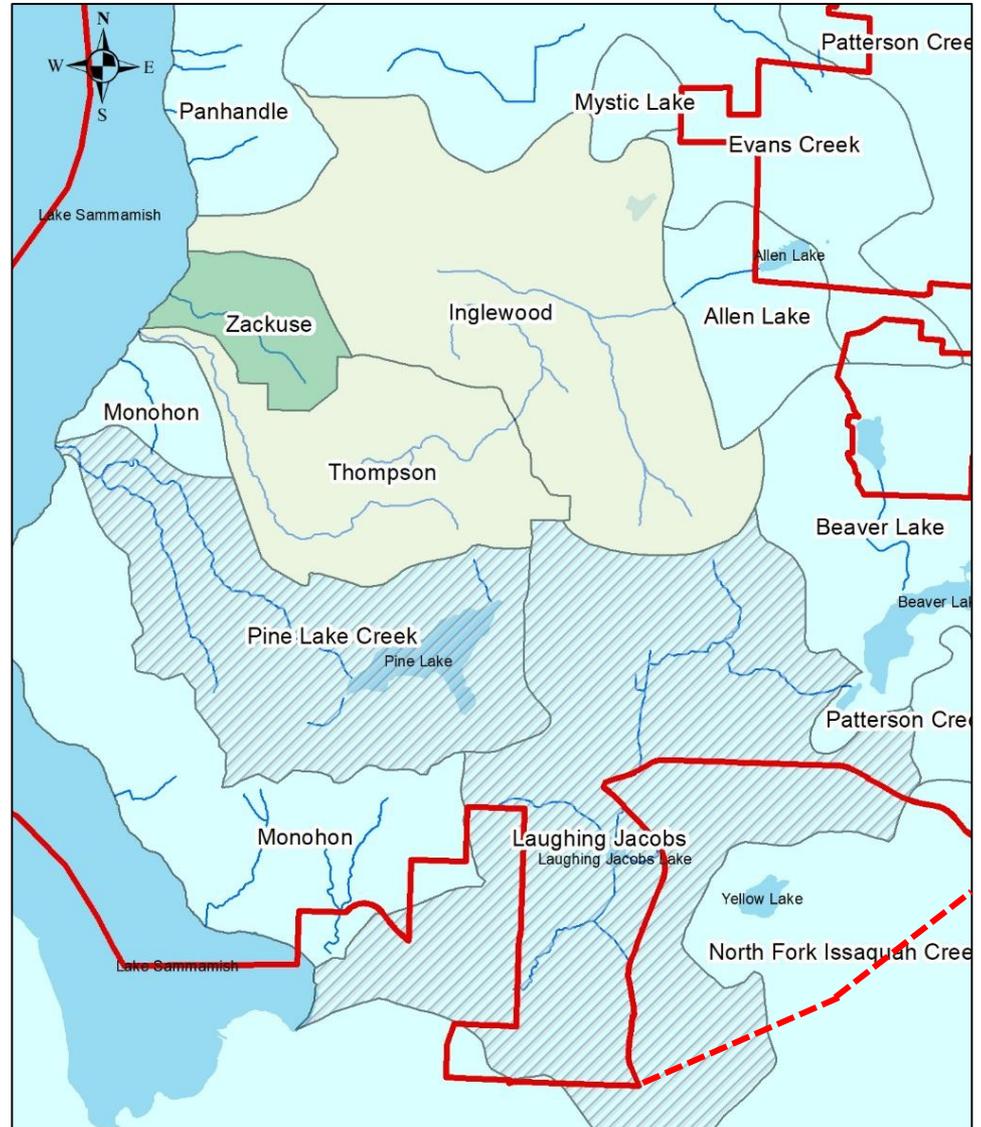
DECEMBER 2016



# Sammamish Basin Planning

## *Current and Future*

- Zackuse Basin Plan (2017-2019)
- Laughing Jacobs Creek Basin Plan (start 2018)
- Pine Lake Creek Basin Plan (start 2021)
- Future basins TBD

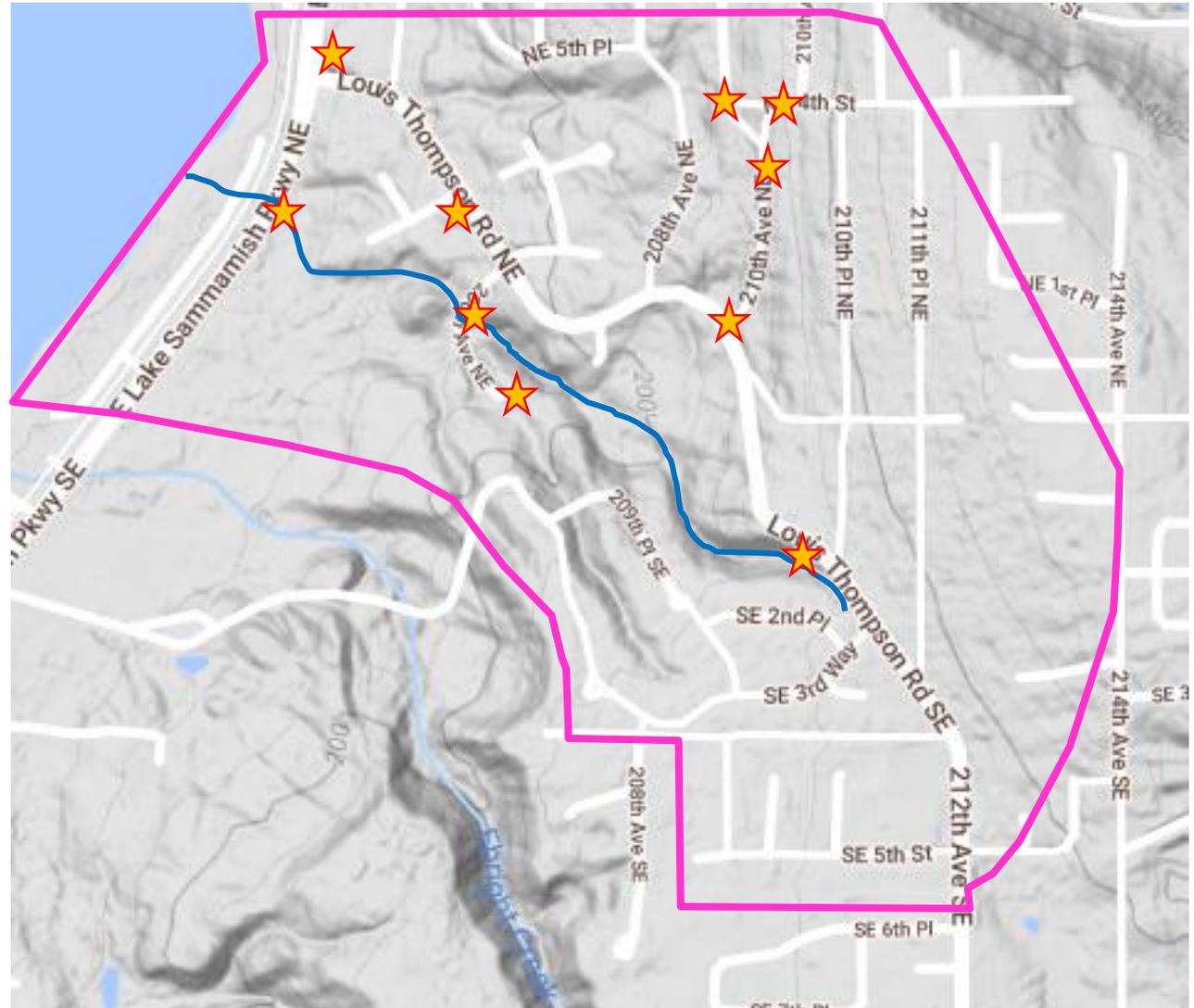


# Zackuse Basin Project Overview and Timeline



# Known Stormwater Problems

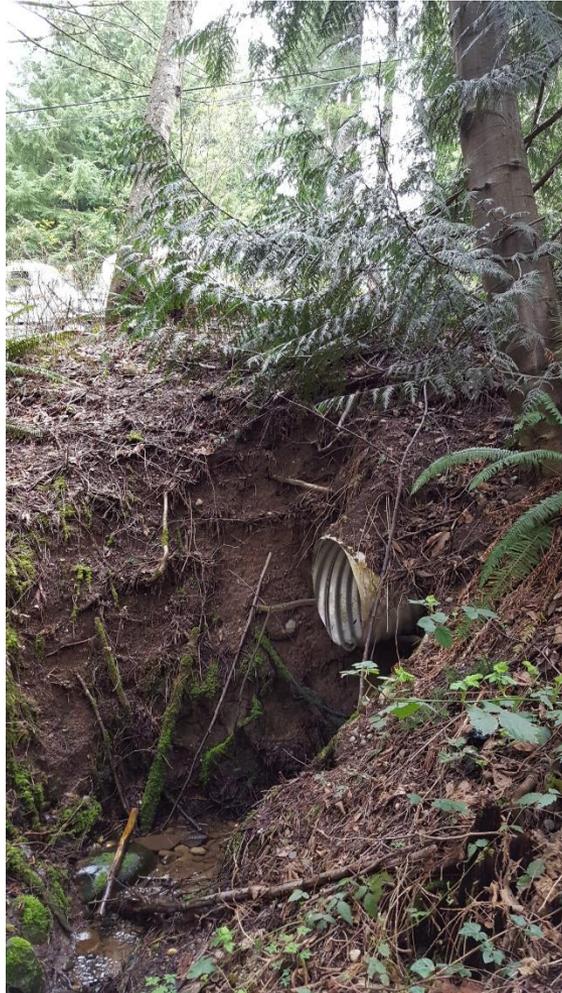
- Water over roadway
- Erosion
- Groundwater seepage
- Water quality
- Degraded habitat



# Sampling of Current Identified Issues



Water over ELSP



Erosion of culvert inlets/outlets



Landslides in Zackuse Creek channel

---

# Zackuse Field Study Photos



Ditch along Louis Thompson Rd



Tamarack neighborhood

# Zackuse Stream Walk Photos



Mouth of Zackuse Creek in Lake Sammamish



Mouth of Zackuse Creek in Lake Sammamish

---

# Zackuse Stream Walk Photos



Between mouth and Shore Lane NE



East side of East Lake Sammamish Parkway (ELSP)

# Zackuse Stream Walk Photos

Channel incised through landslide sediment, downstream of 206<sup>th</sup> Ave NE



2012



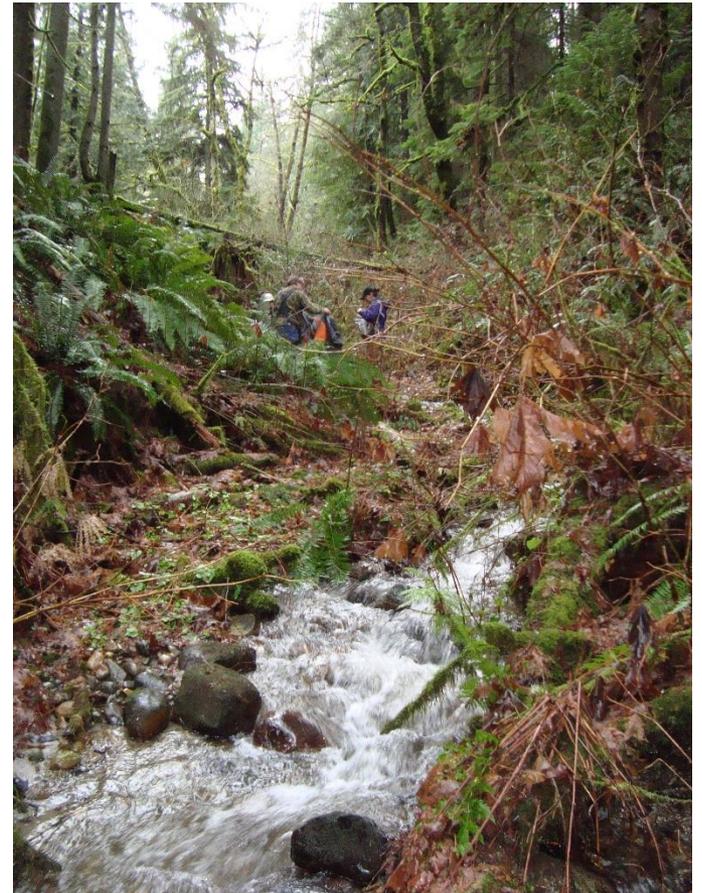
2018

---

# Zackuse Stream Walk Photos



Channel downstream of 206<sup>th</sup> Ave NE



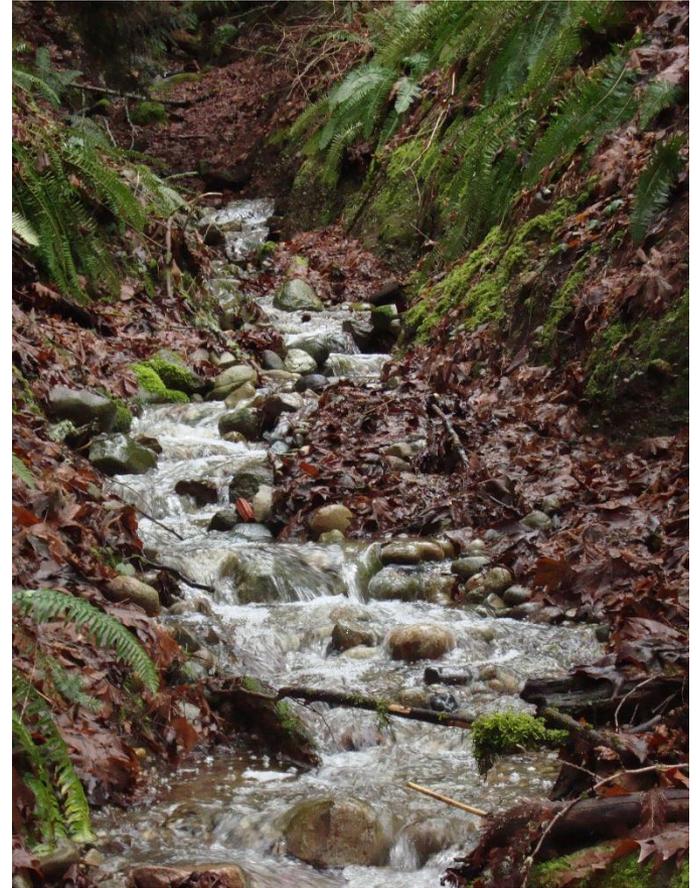
Channel upstream of 206<sup>th</sup> Ave NE

---

# Zackuse Stream Walk Photos



Channel in vicinity of 208<sup>th</sup> Ave



Channel in vicinity of 210<sup>th</sup> Ave

---

# Zackuse Stream Walk Photos



Channel downstream of 210<sup>th</sup> Place



Beginning of Zackuse Creek open channel at Louis Thompson Rd. culvert

---

# Next Steps

- Winter: Data Review
- Spring:
  - Prioritization Criteria to City Council
  - Hydraulic modeling
  - Strategy Development
- Summer/Fall: Public Meeting #2

---

# We need your input! Here's how:

1. Identification (confirmation/expansion) drainage issues and priorities:

- Fill out a paper survey
- Fill out an on-line survey

(<https://www.surveymonkey.com/r/HLJFYXR>)

2. Attend Open House No. 2 (Summer/Fall 2018)

Questions? Comments?

Let's ID concerns!



Project Manager: Danika Globokar,  
DGlobokar@Sammamish.us